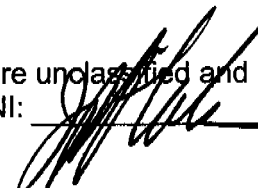




KAISER • HILL
COMPANY

MEMORANDUM

Date: March 6, 2002

Minutes are unclassified and
NOT UCNI: 

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for March 6, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.
In attendance were:

R. Ahlstrand
P. Arnold
J. Floerke

D. Foss
F. Gerdeman
K. Harms

K. Kunert
L. Langlois
M. McGrory

D. Onyskiw
D. Ward

In addition to the attached status, the following was discussed:

1. Action Items were reviewed from last week's minutes. One item was completed; open items include 1, 2, and 4, which will be carried over until completed.
2. Gerdeman recommended that the Project share specifically plans with Shonka Research Associates, Inc. relative to their technical support with scanning the CSV. Gerdeman recommended that David Barns is a good technical contact as the Project proceeds with plans to utilize Shonka services.
3. Floerke indicated that the IVR (independent verification/management review) had been satisfactorily completed for the Set 7 Dismantlement.
4. Gerdeman asked whether or not the Project had incorporated lessons learned with regard to the "hand-over-hand" process in D&D activities. This refers to field tracing (i.e., hands on) of piping/valves, etc. rather than relying solely on older and often incorrect drawings. Floerke replied in the affirmative.
5. Gerdeman informed the group that the D&D Council, a complex-wide group, would be visiting the Site to view certain D&D activities that have proven successful and might be useful at other Sites. In particular, the Council would be interested in Raschig Ring removal using the new vacuum system and the Cerium rinse techniques. Floerke indicated that the Project would be happy to offer information and/or tours to support information sharing with the Council

ACTION ITEMS FROM THIS MEETING: (to be included in next week's agenda)

McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements.
(carry over from 2/13/02)

ADMIN RECCO

371/4 Project
WEEKLY STATUS MEETING DOE/LRA for March 6, 2002

B371-A-000079



2. McGrory is to provide a copy of the D&D schedule, which has been recently revised to include reviews by DOE/CDPHE, to Gerdeman and Ahlstrand. (carried over from 2/27/02)
3. McGrory is to forward the latest 800 package to Onyskiw and Hindman and inquire about the 6-hour blowdown for both the high and low level lines. (carried over from 2/27/02). Note that there will be two packages for both the 400 and 800 blowdown work – one will blow down the lines and the second will tap and drain.
4. Floerke is to break out the CSV section of the D&D summary to reflect those activities that are conducted in Sets 9 and 12 as a clarification.
5. Arnold is to ensure that the Activity numbers, which use to be included in the Summary, are reinstated.
6. Arnold is to prepare and provide the Idle Equipment process at next week's meeting.
7. Arnold is to discuss the proposed language change to the DOP at next week's meeting.
8. McGrory/Harms are to Include a discussion on Sludge removal as was requested by Ahlstrand as the first agenda item for next week to ensure that the discussion is held and there is sufficient time.
9. Floerke is to provide an update on the Technical Development (EM50 funding) and/or indicate a point of contact for Gerdeman. Funding includes things like remote pipe cutting and remote scanning. All activities in the Project subject to such funding would be within the D&D.

End

B371 CLOSURE PROJECT
WEEKLY STATUS MEETING

Every Wednesday, 9:30 a.m.

B371 Conference Room

March 6, 2002

AGENDA

INTRODUCTION – Pam Arnold, X6035, Pager 303-212-4835

D&D

Presenters – Jim Floerke, X2850, Pager 303-212-3292 & Mike McGrory, X5100, Pager 303-212-2146

- B374 Deactivation
- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Cerium Nitrate
- MAA/PA Closure
- Breathing Air
- Cold Area Status
- Sets 7, 21, and 14 Status

ENVIRONMENTAL – Pam Arnold, X6035, Pager 303-212-4835

AUTHORIZATION BASIS/BIO – John Almon x3217, Pager 303-212-3426

ACTION ITEMS FROM LAST MEETING:

1. McGrory is to indicate when the Tank T231A is scheduled for sludge removal, which is dependent on a sub-contractor selection and subsequent agreements. (carry over from 2/13/02)
2. McGrory is to provide a copy of the D&D schedule, which has been recently revised to include reviews by DOE/CDPHE, to Gerdeman and Ahlstrand.
3. Arnold is to ensure that B371 IH contacts Onyskiw to discuss beryllium.
4. McGrory is to forward the latest 800 package to Onyskiw and Hindman and inquire about the 6-hour blowdown for both the high and low level lines.

3

ACTION ITEMS FOR NEXT MEETING:

D&D Summary (AAC/AAD) Week Ending 3/1/02

B374 Deactivation

- Blowdown of process waste water lines – 400/800 packages are being finalized.
- 231 sludge removal – working package to add HEPA filtered ventilation and developing package to melt ice prior to pumping sludge.
- Cessation of operations - Planned for March 2002 at which time building will be in D&D.

Non-actinide Liquid Draining

Continuing to develop Set 6 strategy.

Tanks

- Set 3 (3517) Completed removing Raschig Rings from Tank D65 2/8, D64 2/14, D132A 2/22; Tank D132C in progress. Cerium decon and D&D ready packages are ready-to-work.
- Set 4 Raschig Ring removal from tanks 152A & B complete; surveys determined tanks meet SCO requirements; Determining disposition of tanks 150 & 133 (have non-boron silica rings); cerium decon and D&D ready packages are ready work.
- Set 13 cerium decon and D&D ready packages for 2307 and 2317 are ready-to-work. Doing pre-reqs for 2307 Raschig Ring removal (revising AJR). The 2317 mechanical line isolation package is ready to work (waiting on room scans). The line isolation work package for 2319 is in Engineering.
- Set 15 (2223) line isolation walkdown complete; package in planning.

Gloveboxes

- Planning GB deactivation as contingent work for the Waste Team.
- Deactivation of Room 3511, Set 16 planned to start week of 3/4/02. Magnahelic gauge which measures DP in glovebox needs to be swapped out with a new calibrated gauge by Maintenance.

CSV

- I/O 8 modification package is waiting for sign off.
- The guillotine door switch relocation package has an ECR; should complete by March 8.
- I/O 8 drain line installation package is in progress.
- Lead removal is 90% complete; remaining lead will be removed with the lead windows.
- Mechanical isolation package started 2/19 and is approximately 90% complete.
- GB removal walkdown complete (plasma being incorporated).
- Health Physics Vent Removal package prereqs complete.
- Package in pre-reqs as of 2/22 for overheat removal.

Cerium Nitrate

- CeN decontamination procedure is complete and approved.
- Internal management review to be performed prior to hot startup.

MAA/PA Closure

- Characterization of plant Standards continues in order to determine a path forward for processing and disposition. The PuSPS Program will include metal or oxide Standards in their scope of work if it can be shown that the matrix is compatible with the PuSPS process. Many of the Standards containing ash, salt, graphite, and sand,slag & crucible are already captured in the Residue Program scope of work and will be processed when the Defense Board commitment is completed.
- The scans of 30 CSV pallets identified in a statistical sampling plan are complete. All container pallets scan at gram values between approximately 6 – 15 grams within the 95% confidence limit.
- A conceptual design for the characterization of the B371 Central Storage Vault has begun. This measurement system will support the closure of the MAA.

Breathing Air Modification

- Room 2103 electrical and mechanical modifications are in progress.
- Bottle racks installed and painted. Bottle moves to finish 3/5/02.
- Room 2103 wall will be replaced after installation of piping.
- Installing B371 breathing air drops (10 drops).

Cold Area D&D

- Engineering of the B381 fluorine building is complete; mechanical and electrical isolation packages are in planning; clean out is complete; completed check to verify fluorine piping is empty.
- Fire Phone IWCP is approved and will be scheduled to work with the fire alarm (Simplex) package. The LSDW work is complete.
- Room 3179 engineering is complete, will get packages ready, and work when craft personnel are available.
- Rooms 4101, 4102, 4103 and 4104 preliminary engineering is complete and in the walk-down phase with craft personnel.
 - IWCP for the Electrical Isolations is with KH Construction.
 - IWCP for tank verification and characterize being done by B374 Liquid Waste Operations (Room 4104 is complete).
- Mechanical engineering package for demolition of the UGST is complete; resolving fire alarm wiring issue with electrical isolation package, which is currently being routed for signatures.

Set 7: Dismantlement

- Electrical dismantlement is 70% complete.
- Ancillary equipment mechanical isolation is 60% complete.
- Working GB75 removal.
- Glovebox 4A removed from the building.
- Waterwall drain package is ready to work, pending the sequence of work in the building.

Set 21: Dismantlement

- Mechanical and Electrical Isolation package is working.
- Working electrical isolations for Saltcrete.
- WGIs are ready for this demo.

Set 14: Dismantlement

- Lead removal package is complete.
- Electrical isolation is 40% complete.
- Draining of waterwalls, port covers and windows is 30% complete.
- Mechanical isolation package has started; LO/TO is done.
- Removal of glovebox contents has started.
- Package for cold glovebox / cold tank will go to KH Construction. Currently developing IWCP package (draft of IWCP package was reviewed last week).
- Size reduction tent has been ordered.

ENVIRONMENTAL STATUS
REGULATED ITEMS

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
	AM	Tanks: D-200, D-241, D-242, D-243, and D2860		4103	Evaluating for Idle Equipment and inspection frequency
		Electric Motor/Pump		4103	
		Tanks: D261A, D261B, D253A, D253B, D254A, D254B, D223, D210, D204, D723, D250, D224, D249, D205, D203, D207, D256, D255, D309		4104	
		Tank D250	IE: 371-03	4104	Contains approximately 200 gallons of HNO3 7.5 N + 1% H2SO4
		Tank D254A	IE: 371-04	4104	Contains approximately 1-2 gallons of 12 N HNO3
		Glovebox, Pumps, Motors, Piping	N/A	4104	Evaluated and will not be included in the IE inventory
3		Tanks: D132A, B, and C	MRT	3517	Raschig Rings removed from Tank D132A. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
		Tanks: D64 D65	N/A	3517	Raschig Rings removed from Tanks D64 and D65. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste. Evaluated and will not be included in the IE inventory
		Nitric Acid Recirc. pump 31-11, P-28A	IE: 0049	3517	
		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	3517	
		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	3517	
		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	3517	
		Nitric Acid pump 31-15, P63	IE: 0054	3517	
		Pumps P-28A, P-28B, P-29A, and P-29B	IE: 0107	3517	
		Pumps P-33A, P-33B, P-34A, P-34B	IE: 0109	3517	
4		Tanks: D133, D150, D151, D152A, D152B	MRT	3571	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.

Continued to next page

Revision: 03/05/02

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62. Evaporator Bottoms Pump 31-18 P49A Evaporator Bottoms Pump 31-18 P49B Pumps 33 A&B, 34 A&B	MRT IE: 0079 IE: 0080 IE: 0109	3571 3571 3571 3571	
5	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	Raschig Rings removed from all Tanks listed. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
7	Container Storage - Room Mixed Residue Tank - Ancillary Equipment only Container Storage - Room Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180 Mixed Residue Tank - Ancillary Equipment only Mixed Residue Piping in room 3305 Container Storage - Glovebox 37C Container Storage - Room GB Storage - GB#32	371.1A N/A 371.1A IE: 0122 N/A MRT (ancillary equip.) 90.104 371.1A 371.1B	3301 3303 3305 3305 3305 3305 3305 3315 3315	The container storage refers to 3 crated gloveboxes only. The first crated glovebox, X16534, has been removed and temporarily stored in room 3408 awaiting a cargo. Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
12	CWTS: GB 2401 CWTS: GB 2402, 2403 CWTS: GB 18, 23, 2404 CWTS: Tanks 2401A, B, C & D, 2402A & B, and 2403 Master process control and alarm panel Container Storage - Room	371.3A 371.3A 371.3A 371.3A N/A 90.14	1105 1103 1115 1103 1113 1111	Not currently in Permit - to be closed

Continued to next page

Revision: 03/05/02

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
12	Container Storage - Room	90.19	1115	Not currently in Permit - to be closed
	Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	1107	
	Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	1109	
	Tanks: D-160A, B, D-400A, B, D, D-179	MRT	1115	
	Tanks: D-2A, B, D-157A, B, D-238A, B, D-240A, B, D-170, D-171	MRT	1117	
	Tanks: D-293A & B	MRT	1127	
	Container Storage - Room	371.1A	1103	
	Vault Container Storage	371.1C	1101	
	Wash Liquid Pump 31-17, P-182	IE: 0008	1117	
	HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	1117	
	HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	1117	
	HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	1117	
	HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	1117	
	Pumps P-140, P-141A, P-141B	IE: 0113	1115	
	Pumps P-181 and P-182	IE: 0114	1117	
	Pumps P-5A, P-5B, P-6A, P-6B, P-7A, P-7B, P-15A, P-15B, P-27A, P-27B, P-107A, P-107B, JP-108A, P-108B	IE: 0115	1125	
13	Tank D-292A & B	MRT	2317	
	Tank D933	IE: 371-11	2317	
	Pumps P-21A, P-914	IE: 0117	2307	
	Pumps P-85A, B, C; P-27A, B, C	IE: 0119	2317	
	Tank D67, D277A/B, D912, D914, D916, D922 A/B		2317	Evaluating for Idle Equipment and inspection frequency

Continued to next page

ENVIRONMENTAL STATUS - REGULATED UNITS, cont.

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
14	Container Storage - Room Mixed Residue Piping in room 2325	371.1A MRT (ancillary equip.)	2325 2325	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
16	Container Storage - Room Tank D-70 Tanks T-23A, B, C, D Tanks: T-11 A/B/C/D, T-12 A/B/C/D, T 13 A/B/C/D	90.71 IE: 0055 ID: 0104	3511 3521 3523	Tank not listed in Table 3, DOP Set Descriptions Evaluating for Idle Equipment and inspection frequency
18	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C. See Set 19 also	374.3	3801	
19	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805. Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851. Tanks: D806, D807A & B, D808, D843, D942. Tanks: D801A, B, & C, D826C, D878, D883A & B, D884, Spray Chamber W803, Spray Dryer Baghouse FL803	374.3 374.3 374.3 374.3	3810/4814 2804 2804/3801 2804/3801/ 3803/3805/ 3809/3810/ 4802/4812 2804/3801/ 3803/3805/ 3809/3810/ 4802/4812 2804/3801/ 3803/3805/ 4805/4807	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
19/21	Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
19	Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	

Continued to next page

Revision: 03/05/02

SET AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
24	GB Storage - GB's 72B and 72C	371.1B	3408	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B, D808, D813, D814, D815, and D816 have been declared RCRA Stable and transferred to D&D.
	GB Storage - GB's 107 and 113	374.3	3801	
57	No RCRA Units			
58	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/4807	
	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/4807	

Basis for Interim Operations (BIO)

Week Ending 03-01-02

PuSPS Page Changes

- Process less than 80% Pu oxides
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002

Operations Page Changes

- Page change to incorporate all JCOs
 - Approved by PRC
 - Submitted to DOE Thursday, February 14, 2002
- Residue Product Carts
 - Still waiting for DOE approval

BIO Update

- Building 371/374 PHA
 - Draft completed 02-28-02; out for review

D&D Support

- Out-of-commission
 - USQDs completed for placing dismantlement sets out-of-commission:

Set	Date Completed	Date to DOE	Response Due	Response/ Approval
24	09-27-01	10-01-01	10-08-01	10-01-01
7	10-24-01	10-30-01	11-06-01	11-06-01
14	11-13-01	11-28-01	12-05-01	12-05-01
13	12-13-01	12-18-01	12-25-01	01-30-02
21, Ph. I	12-11-01	01-15-02	01-22-02	01-29-02
12, Ph. 1	01-02-02	01-15-02	01-22-02	01-29-02
15	01-09-02	01-24-02	01-31-02	N/A
15	02-19-02	02-26-02	03-05-02	*
AM, Ph. 1	02-27-02			
PWTS	Cancelled			
21, Ph. II				
Process Vent**				

* Received comments from Bostic, 03-04-02, concerning the removal of stored waste from room during D&D activities.

** Sets 12 and 13.

13/13